

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q89378

Andrew Lennard LEWIS, et al.

Appln. No.: Unknown

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: August 2, 2005

Examiner: Unknown

For: BLOCK COPOLYMERS

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. U.S. Patent No. 5,441,841 issued August 15, 1995, to Larson et al.
2. U.S. Patent No. 6,395,800 B1 issued May 28, 2002, to Jones et al.
3. WO 02/28929 A1 published April 11, 2002, to Biocompatibles Ltd.
4. WO 03/074026 A1 published September 12, 2003, to Biocompatibles UK/Ltd.
5. WO 03/074090 A2 published September 12, 2003, to Biocompatibles UK Ltd.
6. WO 00/71660 A1 published November 30, 2000, to The Procter & Gamble Co.
7. WO 01/27209 A1 published April 19, 2001, to Biocompatibles Ltd.

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8. WO 01/09208 A1 published February 8, 2001, to Biocompatibles Ltd.
9. WO 01/01957 A1 published January 11, 2001, to Biocompatibles Ltd.
10. V. Bütün et al., "Synthesis and aqueous solution properties of near-monodisperse tertiary amine methacrylate homopolymers and diblock copolymers", *Polymer*, Vol. 42, 2001, pp. 5993-6008.
11. K.L. Robinson et al., "Controlled Polymerization of 2-Hydroxyethyl Methacrylate by ATRP at Ambient Temperature", *Macromolecules*, Vol. 34, 2001, pp. 3155-3158.
12. J.H. Laurer et al., "Morphology and Rheology of SIS and SEPS Triblock Copolymers in the Presence of a Midblock-Selective Solvent", *Langmuir*, Vol. 15, 1999, pp. 7947-7955.
13. Ga-Er Yu et al., "Micellisation and Gelation of Triblock Copoly(oxyethylene/oxypropylene/oxyethylene), F127", *J. Chem. Soc. Faraday Trans.*, Vol. 17, 1992, pp. 2537-2544.
14. J.H. Truelsen et al., "Block Copolymers with pH-Responsive Poly(sodium 4-vinylbenzoates) Synthesized by Atom Transfer Radical Polymerization", *ACS Polymer Preprint*, Vol. 43, No. 2, 2002, pp. 257-258.
15. C. Schilli et al., "Controlled Radical Polymerization of *N*-isopropylacrylamide and of Activated Esters for the Synthesis of Polymer-Protein and Polymer-Drug Conjugates".

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding International Search Report, except for the U.S. patents.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

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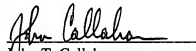
JG20 Rec'd PCT/PTG 02 AUG 2005

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The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,


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Date: August 2, 2005

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| Substitute for Form 1449 A & B/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | Unknown |
| | | Confirmation Number | Unknown |
| | | Filing Date | August 2, 2005 |
| | | First Named Inventor | Andrew Lennard LEWIS |
| | | Art Unit | Unknown |
| | | Examiner Name | Unknown |
| Sheet | 1 | of | 1 |
| | | Attorney Docket Number | Q89378 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|--------------------------------------|-----------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
| | | US 5,441,841 | A | 08-15-1995 | Larson et al. |
| | | US 6,395,800 | B1 | 05-28-2002 | Jones et al. |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|-----------------------------------|-----------------------------|---|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| | | WO | 02/28929 | A1 | 04-11-2002 | Biocompatibles Ltd. | |
| | | WO | 03/074026 | A1 | 09-12-2003 | Biocompatibles UK Ltd. | |
| | | WO | 03/074090 | A2 | 09-12-2003 | Biocompatibles UK Ltd. | |
| | | WO | 00/71660 | A1 | 11-30-2000 | Procter & Gamble Co. | |
| | | WO | 01/27209 | A1 | 04-19-2001 | Biocompatibles Ltd. | |
| | | WO | 01/09208 | A1 | 02-08-2001 | Biocompatibles Ltd. | |
| | | WO | 01/01957 | A1 | 01-11-2001 | Biocompatibles Ltd. | |
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| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|-----------------------|--|--|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | | | Translation ⁶ |
| | | V. Bütün et al., "Synthesis and aqueous solution properties of near-monodisperse tertiary amine methacrylate homopolymers and diblock copolymers", <i>Polymer</i> , Vol. 42, 2001, pp. 5993-6008 | | | |
| | | K.L. Robinson et al., "Controlled Polymerization of 2-Hydroxyethyl Methacrylate by ATRP at Ambient Temperature", <i>Macromolecules</i> , Vol. 34, 2001, pp. 3155-3158 | | | |
| | | J.H. Laurer et al., "Morphology and Rheology of SIS and SEPS Triblock Copolymers in the Presence of a Midblock-Selective Solvent", <i>Langmuir</i> , Vol. 15, 1999, pp. 7947-7955 | | | |
| no date | | Ga-Er Yu et al., "Micellisation and Gelation of Triblock Copoly(oxyethylene/oxypropylene/oxyethylene), F127", <i>J. Chem. Soc. Faraday Trans.</i> , Vol. 17, 1992, pp. 2537-2544 | | | |
| | | J.H. Truelsen et al., "Block Copolymers with pH-Responsive Poly(sodium 4-vinylbenzoates) Synthesized by Atom Transfer Radical Polymerization", <i>ACS Polymer Preprint</i> , Vol. 43, No. 2, 2002, pp. 257-258 | | | |
| | | C. Schmitt et al., "Controlled Radical Polymerization of N-isopropylacrylamide and of Activated Esters for the Synthesis of Polymer-Protein and Polymer-Drug Conjugates" | | | |

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| Examiner Signature | /Robert Harlan/ | Date Considered | 09/30/2008 |
|--------------------|-----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.